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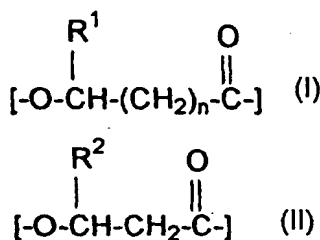
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(54) Title: POLYMER PRODUCTS COMPRISING SOFT AND ELASTIC BIODEGRADABLE POLYHYDROXYALKANOATE COPOLYMER COMPOSITIONS AND METHODS OF PREPARING SUCH POLYMER PRODUCTS



(57) Abstract: Soft and elastic polymer products are obtained by stretching a composition comprising a biodegradable polyhydroxyalkanoate copolymer comprising at least two randomly repeating monomer units. The first randomly repeating monomer unit has the structure (I), wherein R<sup>1</sup> is H, or C1 or C2 alkyl, and n is 1 or 2. The second randomly repeating monomer unit has the structure (II), wherein R<sup>2</sup> is a C3-C19 alkyl or C3-C19 alkenyl. At least about 70 mole % of the copolymer comprises randomly repeating monomer units having the structure of the first randomly repeating monomer unit (I). The products exhibit advantageous combinations of softness and elasticity while maintaining strength.